

CLAIMS

1. A communication system comprising a plurality of user apparatuses, a communication network and at least one application server for implementing an application between a group of at least two user apparatuses, said application allowing transmission of at least a first type of content from one user apparatus of said group to the other user apparatus or apparatuses of
5 said group and a second type of content from one user apparatus of said group to the other user apparatus or apparatuses of said group, said user apparatuses and said application server comprising user floor control means and server floor control means, respectively, for separately managing floor access by said user apparatuses for the transmission of said first type of content and said second type of content, such that only one user apparatus can have
10 the floor at a given time for transmitting said first type of content, and only one user apparatus can have the floor at the same time for transmitting said second type of content.
2. A communication system as claimed in claim 1, wherein said user floor control means comprise means for transmitting/receiving floor control messages to/from said application
15 server, and said server floor control means comprise means for transmitting/receiving floor control messages to/from said user apparatuses so as to implement a request/grant protocol.
3. A communication system as claimed in claim 1, wherein said first type of content is voice content and said second type of content is picture content.
- 20 4. A user apparatus for use in a communication system comprising a plurality of user apparatuses, a communication network and at least one application server for implementing an application between a group of at least two user apparatuses, said application allowing transmission of at least a first type of content from one user apparatus of said group to the
25 other user apparatus or apparatuses of said group and a second type of content from one user apparatus of said group to the other user apparatus or apparatuses of said group, said user apparatus comprising user floor control means intended to cooperate with said application server for separately managing floor access by said user apparatuses for the transmission of said first type of content and said second type of content, such that only one user apparatus

can have the floor at a given time for transmitting said first type of content, and only one user apparatus can have the floor at the same time for transmitting said second type of content.

5 5. A user apparatus as claimed in claim 4, wherein said user floor control means comprise means for transmitting/receiving floor control messages to/from said application server so as to implement a request/grant protocol.

10 6. A mobile telephone as claimed in claim 4, comprising a camera for capturing moving pictures, a first key for requesting the floor for transmitting said moving pictures, and a second key for requesting the floor for transmitting voice.

15 7. An application server for use in a communication system comprising a plurality of user apparatuses, a communication network and at least one application server for implementing an application between a group of at least two user apparatuses, said application allowing transmission of at least a first type of content from one user apparatus of said group to the other user apparatus or apparatuses of said group and a second type of content from one user apparatus of said group to the other user apparatus or apparatuses of said group, said application server comprising server floor control means intended to cooperate with said user apparatuses for separately managing floor access by said user apparatuses for the
20 transmission of said first type of content and said second type of content, such that only one user apparatus can have the floor at a given time for transmitting said first type of content, and only one user apparatus can have the floor at the same time for transmitting said second type of content.

25 8. An application server as claimed in claim 7, wherein said server floor control means comprise means for transmitting/receiving floor control messages to/from said user apparatuses so as to implement a request/grant protocol.

30 9. An application server as claimed in claim 7, wherein said first type of content is voice content and said second type of content is picture content.

10. A method of allowing transmission of a first type of content from one user apparatus of a group to the other user apparatus or apparatuses of said group and a second type of content from one user apparatus of said group to the other user apparatus or apparatuses of said

group, said method comprising a first implementation of a floor control procedure for managing floor access by said user apparatuses for the transmission of said first type of content and a second implementation of said floor control procedure for managing floor access by said user apparatuses for the transmission of said second type of content, such that
5 only one user apparatus can have the floor at a given time for transmitting said first type of content, and only one user apparatus can have the floor at the same time for transmitting said second type of content.